

**SPE RESPONSE FOR CERTIFICATE OF CORRECTION**

DATE : 6/7/07

Paper No.: 1

TO SPE OF : ART UNIT 2822

SUBJECT : Request for Certificate of Correction for Appl. No.: 10/030264 Patent No: 7110123 B2

A response is requested with respect to a request for a certificate of correction.

With respect to the change(s) requested to correct Office and/or Applicant's errors, should the patent read as shown in the certificate of correction attached herewith or the COCIN document(s), in IFW images for the above-identified patented application? No new matter should be introduced, nor should the scope or meaning of the claims be changed.

If the response is for an IFW, within 7 days, please complete and forward the response, to the employee (named below) via scanning into application images, using document code **COCX**.

If the response is for a paper file wrapper, please complete the response and forward the response with the paper file wrapper, to the employee (named below), within 7 days, to:

**Certificates of Correction Branch (CofC)**  
**South Tower - 9A22**  
**Palm Location 7580**

**VIRGINIA TOLBERT**  
**Certificates of Correction Branch**  
**703-308-9390 ext. 113**

**Thank You For Your Assistance**

**The request for issuing the above-identified correction(s) is hereby:**

Note your decision on the appropriate box.

☒ **Approved**

All changes apply.

☐ **Approved in Part**

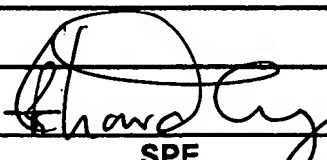
Specify below which changes **do not** apply.

☐ **Denied**

State the reasons for denial below.

Comments: PLEASE SEE ATTACHMENT.

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 SPE

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***Response to Request for Certificate for Correction***

1. The applicant filed a "Request for Certificate for Correction under 37 C.F.R. 1.322" on

**October 10, 2006** requesting the following corrections:

- a) In column 6, line 9, please delete "member" and insert --element--.
- b) In column 6, line 25, please delete "refractor" and insert --refractive--.
- c) In column 6, line 26, please delete "polarization device" and insert --optical polarizing device--.
- d) In column 6, line 30, please delete "member" and insert --movable--.
- e) In column 6, line 43, please delete "member" and insert --movable--.

2. The Examiner **approved** the request for correction of items a) – c) above.

3. The Examiner **did not approve** the request for correction of d) and e) above because it would have only added to the errors in the claims. For example, applicants request d) above would have changed part of claim 4 to read "... said movable ~~member~~ movable is a pig ..." adjacently repeating the word "movable" in the claim. Applicants request e) above would have made a similar adjacently repeated words in claim 7.

4. The applicant filed a "Request for Certificate for Correction under 37 C.F.R. 1.322" on **April 26, 2007** requesting the following corrections:

- d<sub>1</sub>) In column 6, line 30, please delete "member" and insert --element--.
- e<sub>1</sub>) In column 6, line 42, please delete "member" and insert --element--.

5. The Examiner has **approved** the request for correction of items d<sub>1</sub>) and e<sub>1</sub>) above.

6. In the Request for Certificate for Correction filed on **April 26, 2007**, the applicant asserts that "it is believed that no fee is due ... because the errors were made by the Office, ...".

7. From comparing items d) and e) filed on October 10, 2006 and items d<sub>1</sub>) and e<sub>1</sub>) filed on April 26, 2007, it is clear that the **applicant's filings were in error** and that **the Office has not made any errors**. Further, the applicant has not provided any evidence where the Office has made any errors. In view of the above, the **applicant is required to pay any fee that is due** for this "Request for Certificate for Correction."

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8. If the applicant believes that the Office has made errors and no fee is due for this "Request for Certificate for Correction," the applicant is requested to file a petition with supporting evidence as to why any fee is not due.

## US 7,110,123 B2

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charged to a high voltage by a metering pump 40 is driven by a flange 42 of an insulating material and metering pump arrangements, a fracture or a clutch failure may lead to the metering pump 40 while of the shaft to rotate. In order to monitor the magnetically acting transmitter element, a transmitter element is mounted on the input shaft of a clutch element 48 that is seated on the input shaft, wherein said transmitter element of the above-described type which is located in the vicinity of the clutch element causes the shaft to a stop, the light signal is emitted during normal operation due to a magnet 44 is correspondingly a light signal also changes with the frequency change in the sensor 45, this indicates that the described sensor measuring the rotational speed of an electrostatic coating system that are in use. The signal evaluation or the control speed may take place in the sensor remotely from the high-voltage

multiple for utilizing the invention element and the magnetically acting collision protection elements in an electrostatic coating system which is a tool or other tool. In this case, the tool is in or on a stationary part of the system or is arranged in or on a part that is stationary during a collision of the tool for this is the arrangement of the collision element on the mounting element, for example, is exchangeably mounted and moves relative to its position and collides with the workpiece to be coated in the system. In this case, the sensor measuring flange of the robot in the magnetically acting transmitting element, a change in the light signal that occurs in the magnetic field on the sensor or the field in the sensor becomes weaker system is particularly suitable for use of the type described in DE 101 101 which is incorporated by reference. element may also be arranged in

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needle valve in an electrostatic atomizer described in DE 101 15 472, which is incorporated herein by reference.

The invention claimed is:

1. A sensor system for a conductive coating delivery system subject to high voltage, comprising:

a movable element including a magnetically acting transmitter element for signaling the position or movement of said movable member, and

element

a sensor element responsive to said magnetically acting transmitter element in a portion of said conductive coating delivery system subject to high voltage, said sensor element including an optical polarizing device subject to magneto-optical change upon approach of said magnetically acting transmitter element of said movable member generating a light signal, and optical fibers connected to said sensor receiving said light signal connected to an electronic device situated remotely from said high voltage generating an electric signal corresponding to said light signal.

2. The sensor as defined in claim 1, wherein said magnetically acting transmitter element is a permanent magnet.

3. The sensor as defined in claim 1, wherein said sensor element includes a refractor element which turns polarized light located between said polarization device and said reflector.

refractive  
optical polarizing  
device

4. The sensor as defined in claim 1, wherein said conductive coating delivery system includes a delivery line, said movable member is a pig movable through said delivery line and said pig including an embedded permanent magnet.

element

5. The sensor as defined in claim 4, wherein said conductive coating delivery system includes a pig station receiving said pig and said sensor element is located in said pig station signaling receipt of said pig in said pig station.

6. The sensor as defined in claim 4, wherein said sensor element is located adjacent said delivery line signaling movement of said pig through said delivery line past said sensor element.

7. The sensor as defined in claim 1, wherein said conductive coating delivery system includes a delivery line receiving said movable member and said electronic device is connected to a valve delivering fluid to said delivery line.

element

8. The sensor as defined in claim 1, wherein said conductive coating delivery system includes an apparatus having a movable member and a stationary member and said sensor element is located on said stationary member.

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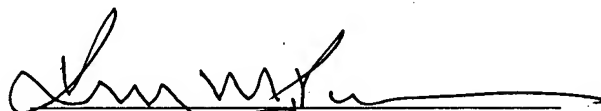
*Contact/Status Information*

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Roy M. Punnoose** whose telephone number is **571-272-2427**. The examiner can normally be reached on 9:00 AM - 5:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, **Tarifur Chowdhury** can be reached on **571-272-2287**. The fax phone number for the organization where this application or proceeding is assigned is **571-273-8300**.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

July 27, 2007

  
**Roy M. Punnoose**  
Primary Patent Examiner  
Art Unit 2886